

Click below for the appropriate drivers:  
Then once downloaded proceed to step 1 below.

[Cisco 675](#)

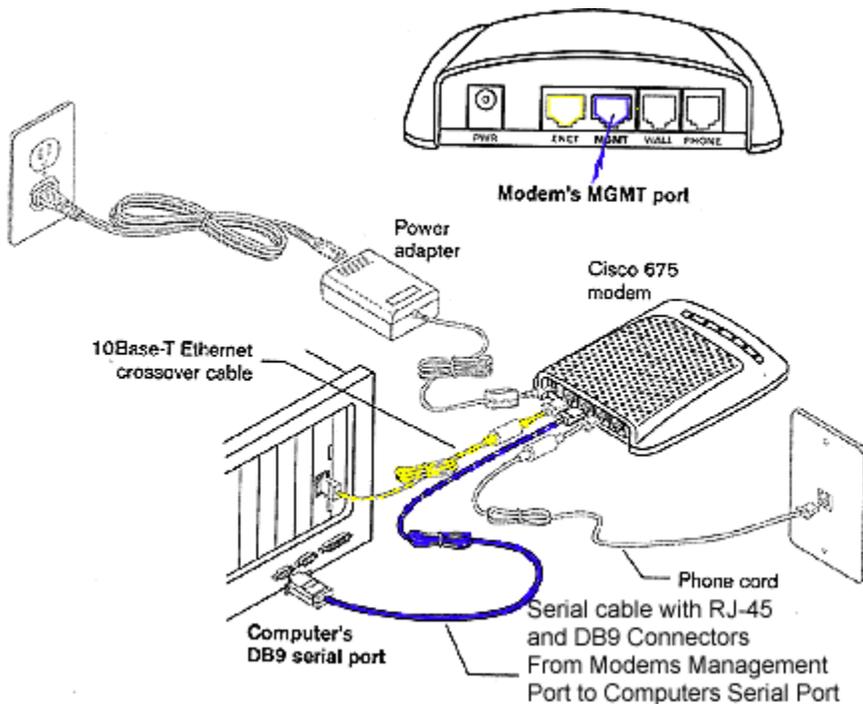
[Cisco 678 CAP](#)

[Cisco678 DMT](#)

[Qwest Web site for DSL information](#)

## Step 1: Connecting your modem to the serial port

To configure your DSL modem you first have to connect it to the serial port on your computer. The Cisco 675 comes with a special serial cable to connect the serial port of a computer to the Cisco 675 management port. You can get detailed instructions on how to do this from your US West DSL manual, or follow the diagram below. On a Apple, an adapter cable is required. If the connection doesn't work using the Mac serial port, try the parallel port.

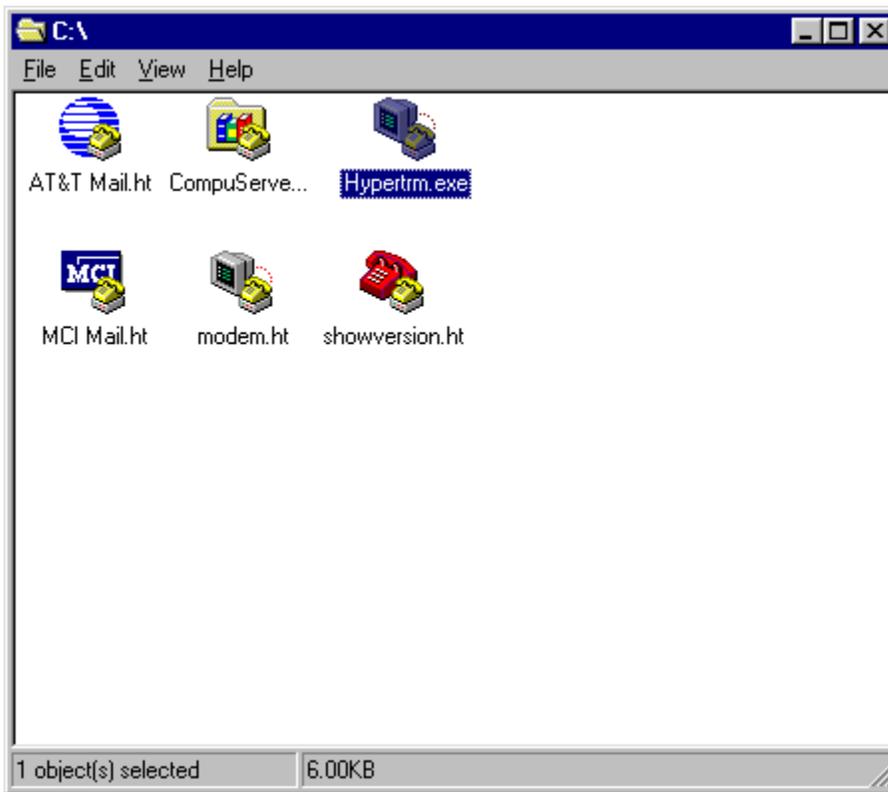


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## Step 2: Setting up Hyper Terminal

Now that your Cisco 675 is connected to the serial port, we'll need to configure the Cisco 675 using Hyper Terminal. Do this by clicking 'Start' => 'Programs' => 'Accessories' => 'Hyper Terminal'. Once Hyper Terminal is active, you'll get a window that looks something like the one below.



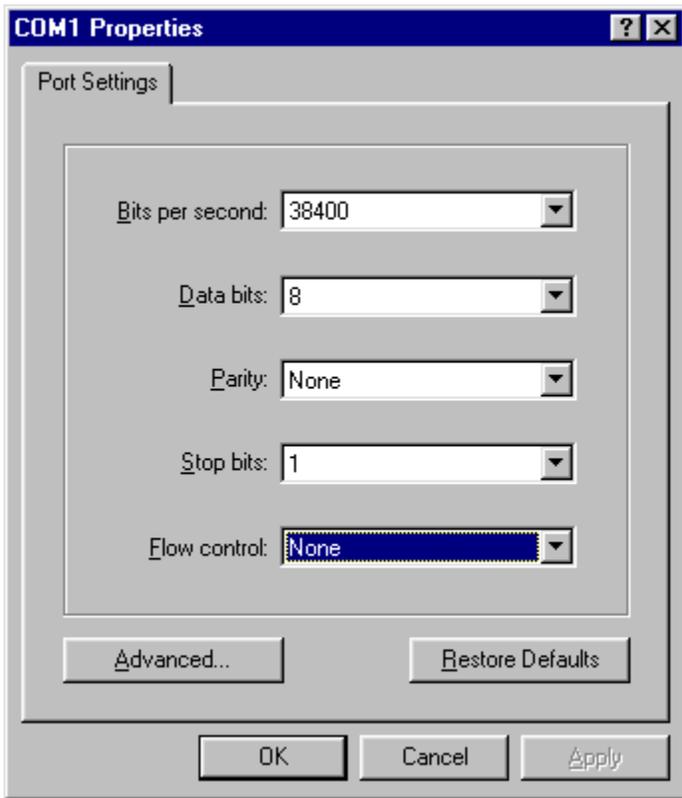
Double click on Hypertrm.exe, and follow the steps to configure your connection.

- Enter any name for the connection and click the 'OK' button
- Leave the phone number blank, and in the connect using field select 'Direct to COM1' (*Like below*). You can also try 'Direct to COM2' if COM1 does not work.
- Click the 'OK' button.



This will bring up the COM1 (or COM 2) properties window. Follow these steps to make sure that everything looks the same as below.

- Bits per second set to '38400'
- Data bits set to '8'
- Parity set to 'None'
- Stop bits set to '1'
- Flow control set to 'None'
- Click 'OK'



### Step 3: Upgrading the BIOS

1. Login using your password that you used previously, if it fails just try pressing enter with no password.
2. Type 'enable' then enter,
3. Press enter at the password prompt, (the prompt will change to a # sign)
4. Type "set download code" at the prompt then press enter (you will see a bunch of 'C"s while it's waiting to start the download process).
5. Click on the 'Transfer' menu item at the top of the screen
6. Then select 'Send File' and browse and select the file that you downloaded from our site ([975,978CAP,978DMT](#))
7. Send file with XMODEM (no CRC) protocol.
8. If transfer fails, DO NOT REBOOT, try again until you succeed.
9. When finished, type, "reboot" at the prompt.

**In the case your upgrade fails and your box will not boot, follow these instructions:**

Break into the router command mode by pressing ctrl-c repeatedly during boot up until you get the prompt "=>"

Then type the following commands: (comments follow the --, do not type the -- or anything after!)

df 10008000 --download the file to this location in memory

--start and xmodem download with the 675 image

--after transfer is complete you will see the # of bytes it

--has written - e.g. 00fe8001 - you will need this later

es 0 --erase sector 0

es 1 --erase sector 1

es 2 --erase sector 2

es 3 --erase sector 3

es 4 --erase sector 4

es 5 --erase sector 5

es 6 --erase sector 6 (running config)

**--note this will require the router be reconfigured--**

pb 10008000 fee00000 <size> --program the area of memory to flash area

--<size> is the # of bytes (no brackets) the

--monitor reported being downloaded

m0 --turn off monitor

rb --reboot